Express Mail No. EV336673506US

Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified)

Sheet

(Use several sheets if necessary)

of

| | COMPLETE IF KNOWN |
|-----------------------|-------------------|
| Application Number | 09/887,767 |
| Confirmation Number | 9072 |
| Filing Date | June 21, 2001 |
| First Named Inventor_ | Whonchee Lee |
| Group Art Unit | 3723 |
| Examiner Name | Alvin J. Grant |
| Attorney Docket No. | 108298515US2 |

| | | | U | .S. PATENT DOCUMENTS | | |
|-----------------------|-------------|--------------|----|--|--|---|
| Examiner Initials* | Cite No. | | | Name of Patentee or Inventor of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| On. | | 5,098,533 | | Duke et al. | 03/24/1992 | ·. |
| B | | 5,562,529 | | Kishii et al. | 10/08/1996 | |
| as | | 6,007,695 | | Knall et al. | 12/28/1999 | |
| OK. | | 6,190,494 | B1 | Dow | 02/20/2001 | |
| as | | 6,322,422 | B1 | Satou | 11/27/2001 | |
| B | | 6,368,184 | B1 | Beckage | 04/09/2002 | |
| 1 | | 2002/0104764 | A1 | Banerjee et al. | 08/08/2002 | |
| | | 6,464,855 | B1 | Chadda et al. | 10/15/2002 | |
| 188 | | 6,620,037 | B2 | Kaufman et al. | 09/16/2003 | |

EXAMINER

DATE CONSIDERED

*EXAMINER:

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

SE 23 Mail No. EV522679345US

Sheet

Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

| COMPLETE IF KNOWN | | | | | | |
|----------------------|----------------|--|--|--|--|--|
| Application Number | 09/887,767 | | | | | |
| Confirmation Number | 9072 | | | | | |
| Filing Date | June 21, 2001 | | | | | |
| First Named Inventor | Whonchee Lee | | | | | |
| Group Art Unit | 3723 | | | | | |
| Examiner Name | Alvin J. Grant | | | | | |
| Attorney Docket No. | 108298515US2 | | | | | |

| | U.S. PATENT DOCUMENTS | | | | | | | | |
|----------|-----------------------|---|---------------|--|---|--|--|--|--|
| Examiner | Cite No. | U.S. Patent or Application Kind Coo NUMBER (if know | | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| DE | | 5,624,300 | Kishii et al. | 04/29/1997 | | | | | |

EXAMINER

DATE CONSIDERED

*EXAMINER:

Initial if reference considered, whether expot criteria is in conformance with MPEP \$09. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to application(s).



Sheet

Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

| | | | | COMPLETE IF KNOWN | | |
|----|------------------------|-------------------|---|----------------------|----------------|--|
| | | | | Application Number | 09/887,767 | |
| | | DISCLOSURE | | Confirmation Number | 9072 | |
| 3 | STATEMENT BY APPLICANT | | | Filing Date | June 21, 2001 | |
| | | 149 (Modified) | | First Named Inventor | Whonchee Lee | |
| (U | ise several she | ets if necessary) | | Group Art Unit | 3723 | |
| | | | | Examiner Name | Alvin J. Grant | |
| Ī | 1 | of | 1 | Attorney Docket No. | 108298515US2 | |

| | | | U.S. PATENT DOCUMENTS | | • |
|--------------------|-------------|-----------------------------|-----------------------|----------------------------------|---|
| | | U.S. Patent or Application | | Date of Publication or | Pages, Columns, Lines, Where |
| Examiner Initials* | Cite No. | Kind Coo NUMBER (if know | | Filing Date of Cited Document | Relevant Passages or Relevant Figures Appear |
| 18 | | 2,315,695 | Faust | 04/06/1943 | , , |
| | | 2,516,105 | der Mateosian | 07/25/1950 | |
| ax | | 3,334,210 | Williams et al. | 08/01/1967 | <u></u> |
| R | | 6,103,636 | Zahorik et al. | 08/15/2000 | |
| al. | | 2003/0178320 A1 | Liu et al. | -09/25/2003 | |
| (P) | | 6,689,258 B1 | Lansford et al. | 02/10/2004 | |

EXAMINE

DATE CONSIDERED

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

| PE | | | | | Discosure No. 00-0999.00/U; | |
|-----------------|----------------------------|---------------------------------------|---|----------------------|-----------------------------|--|
| | | | _ | COMPLETE IF KNOWN | | |
| | 1 | DIOG! 00!155 | | Application Number | 09/887,767 | |
| 1100-1. " " | ANFURMATION STATEMENT (| DISCLOSURE | | Confirmation Number | 9072 | |
| 9 | O.M. E.II.E.II. | BY APPLICANT | | Filing Date | June 21, 2001 | |
| b | | 149 (Modified) | | First Named Inventor | Whonchee Lee | |
| Contract of the | (Use several sne | ets if necessary) | l | Group Art Unit | 3723 | |
| | _ | · · · · · · · · · · · · · · · · · · · | | Examiner Name | Alvin J. Grant | |
| Sheet | 1 1 | of | 1 | Attorney Docket No. | 108298515US2 | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|-------------|--|----------------|--|---|--|--|--|
| Examiner Initials* | Cite No. | U.S. Patent or Application Kind Code NUMBER (if known) | | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| AR. | | 6,103,636 | Zahorik et al. | 08/15/2000 | | | | |
| B | | 5,843,818 | Joo et al. | 12/01/1998 | | | | |
| B | | 5,888,866 | Chien | 03/30/1999 | | | | |
| al | | 6,162,681 | Wu | 12/19/2000 | | | | |
| al | | 6,461,911 B2 | Ahn et al. | 10/08/2002 | | | | |

EXAMINER DATE CONSIDERED SUP/05

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



Sheet

Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified) (Use several sheets if necessary)

| | COMPLETE IF KNOWN |
|----------------------|-------------------|
| Application Number | 09/887,767 |
| Confirmation Number | 9072 |
| Filing Date | June 21, 2001 |
| First Named Inventor | Whonchee Lee |
| Group Art Unit | 3723 |
| Examiner Name | Alvin J. Grant |
| Attorney Docket No. | 108298515US2 |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|------|------------------------|------------|------------------------------|---|---|--|--|
| Examiner | Cite | U.S. Patent or Applica | Kind Code | Name of Patentee or Inventor | Date of Publication or Filing Date of | Pages, Columns, Lines, Where Relevant Passages or | | |
| Initials* | No. | NUMBER | (if known) | of Cited Document | Cited Document | Relevant Figures Appear | | |
| (1) | | 2003/0178320 | A1 | Liu et al. | 09/25/2003 | | | |
| (1) | | 2,315,695 | | Faust | 04/06/1943 | | | |
| B | | 2,516,105 | | der Mateosian | 07/25/1950 | | | |
| 08 | | 3,334,210 | | Williams et al. | 08/01/1967 | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
|--------------------------|-------------------------------|--------|-----------|---------------------------|---|----------------------------------|---|---|--|--|
| | Foreign Patent or Application | | | Date of Publication or | Pages, Columns, Lines, | | | | | |
| Examiner Initials* | Cite No. | Office | NUMBER | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Filing Date of Cited Document | Where Relevant Passages or Relevant Figures Appear | Т | | |
| | | EP | 1 123 956 | A1 | JSR Corporation | 08/16/2001 | | | | |

EXAMINER DATE CONSIDERED Suppose Suppo

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2005. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known Substitute for form 1449A/B/PTO Application Number 09/887,767-Conf. #9072 INFORMATION DISCLOSURE Filing Date June 21, 2001 STATEMENT BY APPLICANT First Named Inventor Scott E. Moore Art Unit 3723 (Use as many sheets as necessary) Examiner Name A. J. Grant Sheet 1 of 1 Attorney Docket Number 108298515US2

| U.S. PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|--------------|--|-----------------------------|-----------------------------|---|--|--|--|--|
| | | Document Number | Publication Data | Name of Patentee or | Pages, Columns, | | | | |
| | Cite No.1 | Number-Kind Code ² (# known) | Publication Date MM-DD-YYYY | Applicant of Cited Document | Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| AS. | | US-5,162,248 | 11-10-1992 | Dennison et al. | | | | | |
| B | | US-6,117,781 | 09-12-2000 | Lukanc et al. | | | | | |
| A8 | | US-6,722,942-B1 | 04-20-2004 | Lansford et al. | | | | | |
| as | | US-6,736,952-B2 | 05-18-2004 | Emesh et al. | | | | | |

| | | FO | REIGN PATENT DOC | UMENTS | | |
|-----------------------|--------------|--|-----------------------------|--|--|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-OD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | τ° |
| | | | | | | |

*EXAMINER: hitial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|--------------|---|----|--|--|
| Examiner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | |
| | | | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Examiner Signature | Socut | Date Considered | 8141 | 20 |
|--------------------|-------|--------------------|----------------|----|
| | UU | | /// | |

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



Express Mail No. EV729040963US

Attorney Docket No. 108298515US2 Disclosure No. 00-0999.00/US

PTC/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE und Partieting Act of 1005, as seems are require must imtono AMO biles a anistono il asolmi coltamentali la coltali la

| Substitu | te for form 1449A | в/РТО | | Complete If Known | | |
|----------|-----------------------------------|---------|---------|------------------------|------------------------|--|
| | | | | Application Number | 09/887,767-Conf. #9072 | |
| INF | ORMATI | ON DISC | LOSURE | Filing Date | June 21, 2001 | |
| ST | ATEMEN | T BY AP | PLICANT | First Named Inventor | Scott E. Moore | |
| | | | | Art Unit | 3723 | |
| | (Use as many sheets as necessary) | | | Examiner Name | A. J. Grant | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 108298515US2 | |

| | U.S. PATENT DOCUMENTS | | | | | |
|------------------------------|-----------------------|---|------------------|-----------------------------|---|--|
| Examiner Cit Initials* No | C22 | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | |
| | No.' | Number-Kind Code ² (if known) | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | |
| /K | | US-6,176,992 | 01-23-2001 | Talieh | | |
| 18 | | US-6,395,607 | 05-28-2002 | Chung | | |
| al | | US-2002/0115283-A1 | 08-22-2002 | Ho et al. | | |
| THE | | US-6,504,247-B2 | 01-07-2003 | Chung | | |
| 18 | | US-6,753,250 | 06-22-2004 | Hill et al. | | |
| (D) | | US-6,780,772-B2 | 08-24-2004 | Uzoh et al. | | |
| 125 | | US-2004/0192052-A1 | 09-30-2004 | Mukherjee et al. | | |
| P. | | US-6,881,664-B2 | 04-19-2005 | Catabay et al. | | |

| | FOREIGN PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----|
| Examiner Initials* | Cite No. | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (I known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | το |
| | | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

| | | NON PATENT LITERATURE DOCUMENTS | |
|----------------------|--------------|---|----|
| Examiner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | 72 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

| Examiner Signature Clin Want | Date Considered | 8/4/05 | |
|------------------------------|--------------------|-------------|--|
| | | | |

COMPLETE IF KNOWN 09/887,767 **Application Number** INFORMATION DISCLOSURE Confirmation Number 9072 STATEMENT BY APPLICANT Filing Date June 21, 2001 Form PTO-1449 (Modified) First Named Inventor Whonchee Les (Use several sheets if necessary) Group Art Unit 3723 Alvin J. Grange CHNOLOGY CENTER R. **Examiner Name** Sheet 1 of Attorney Docket No.

| | | | U | .S. PATENT DOCUMENTS | | | |
|--------------------|-------------|--|---------|---|--|---|---|
| Examiner | Cite No. | , | nd Code | Name of Patentee or Inventor of Cited Document | Date of Publication or Filing Date of Cited Document | Pages, Columns, Lines, Wi Relevant Passages or Relevant Figures Appea | |
| 12 | | 5,952,687 | | Kawakubo et al. | 09/14/1999 | | |
| 18 | | 6,115,233 | | Seliskar et al. | 09/05/2000 | | |
| B | | 6,180,947 | B1 | Stickel et al. | 01/30/2001 | | |
| and the | | 6,259,128 | B1 | Adler et al. | 07/10/2001 | | |
| B | | US 2001/0025976 | A1 | Lee | 10/04/2001 | | |
| B | | 6,303,956 | B1 | Sandhu et al. | 10/16/2001 | | |
| | | OTHER PRIC | R AR | I-NON PATENT LITERATURE | DOCUMENTS | | |
| Examiner Initials* | Cite No. | | | or (in CAPITAL LETTERS), title of the article rial, symposium, catalog, etc.), date, page(s), and/or country where published. | | | T |
| CO3 | | JUCHNIEWICZ, R. et al. "Influence of Pulsed Current on Platinised Titanium and Tantalum Anode Durability," International Congress on Metallic Corrosion, Proceedings - Volume 3, pp. 449-453, Toronto, June 3-7, 1984. | | | | | |

| EXAMINER | Vin Frank | DATE CONSIDERED 8/10/05 |
|-----------|--|---|
| EXAMINER: | Initial if reference considered, whether or not criteria is in confe | ormance with MPEP 609. Draw line through citation if not in conformance and |
| | not considered. Include copy of this form with next communic | ation to application(s). |